Form 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIO

reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO.

L0282

•	BUREAU OF	LAND MANAG	EMEN				u-0282	
APPLICATION	I FOR PERMIT	TO DRILL, D	EEPE	I, OR P	LUQ B	ACK	8. IF INDIAN, ALLOTTI	ES OR TRIBE NAME
. TYPE OF WORK			_ i	DIV OF C	JIL, OAG	G WINT	T. UNIT AGREEMENT	NAME
DRI	LL 🔼	DEEPEN L		PL	UG BAC	LK L	CHAPITA W	
b. TYPE OF WELL			SING	LB (T)	MULTIP	LE [8. FARM OR LEASE N.	
	ELL X OTHER	<u>. </u>	ZONI		ZONE		CHAPITA W	· · · · · · · · · · · · · · · · · · ·
NAME OF OPERATOR							9. WELL NO.	TIPO OMIT
	GAS COMPANY	<u> </u>					427-24N	
ADDRESS OF OPERATOR							10. FIELD AND POOL,	OR WILDCAT
P.O. BOX 18	315, VERNAL,	UTAH 840	78					
LOCATION OF WELL (Re	port location clearly and	l in accordance with	h any Sta	te requireme	ents.		CWU/WASATO	
	625' FEL S	SE/NE					AND SURVEY OR	REA.
At proposed prod. son							SEC. 24,	10C D22F
				· · · · · · · · · · · · · · · · · · ·			12. COUNTY OF PARIS	
	ND DIBECTION FROM NEA							UTAH
19.3 MILES	SOUTHEAST OF	OURAY, U	TAH			1 17 NO /	UINTAH	UIAN
DISTANCE FROM PROPU LOCATION TO NEAREST	SED*		16. NO.	OF ACRES IN	LEANE		OF ACRES ASSIGNED HIS WELL	
PROPERTY OR LEASE L	ine, pt.	625 ' ±		2440		<u> </u>	80	
S. DISTANCE FROM PROP	OSED LOCATION®		19. PROP	OSED DEPTH	1510	1	RY OR CABLE TOOLS	
TO NEAREST WELL, DI OR APPLIED FOR, ON THI	RILLING, COMPLETED,	1552'±		6850 L	J/!	RO	TARY	
1. ELEVATIONS (Show whe	ther DF, RT, GR, etc.)						22. APPROX. DATE W	
5034' GRADI	ED GROUND			42			JANUARY	1995
		PROPOSED CASIN	G AND	EMENTING	G PROGRA	AM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	от	SETTING I	DEPTH		QUANTITY OF CEMI	
12 1/4"	9 5/8"	32.3#		240) '			+ 2% CaCl2
7 7/8"	4 1/2'	10.5#		6850) 1		#/SX CELLOF	
						POZM	IX + 2% GEL	+ 10% SALT
						TO 4	00 ABOVE A	LL ZONES
								10% EXCESS)
							T CEMENT (1	
000 10010III	ATIMO FOD.						M TO 200' A	
SEE ATTACHI	MENIS FOR:						E OR FRESH	
O DOTME DE	3 ST						RVALS (+ 5	
8 POINT PL							•	
DRILLING P								
BOP SCHEMA		TMC DIAM						
	E AND OPERAT	ING PLAN						
LOCATION P								
LOCATION L		RDM AND W	C.	CMDO	TTO	c GAS	COMPANY WI	LI. BE THE
TOPOGRAPHI		"B", AND "	Ç					SUBJECT WE
	PIPELINE MAP	" D"					DE BOND #81	
FACILITY D	LAGKAM		•	ONDE	/ LASTIT	.014 112	DH COMP #CT	
ABOVE SPACE DESCRIBE	PROPOSED PROGRAM: If	proposal is to deep	en or plu	g back, give	data on p	resent prod	inctive sone and propor d and true vertical dep	ed new productive
ne. If proposal is to eventer program, if an	drill or deepen direction	ally, give pertinent	data on	SUDBULIACE I	OCALIVING AL	nu measure	4 236 4140 TOLONO	
4.	· · · · · · · · · · · · · · · · · · ·							
). // ~ // >	1. 1	•	Sr. Adr	nin (lerk	12	/20/94
SIGNED	da (X. C	Walk TIT	LE	ir. Au	11111		DATE	
(This space for Fede	ral or State office use)							
(z min apace for z euc	3-041-32	142			J.			
PERMIT NO.	2-041-36	-4TL	A	PPROVAL DAT		Santa Antonia Caraci	Annual Control of the	emperor cert
				_	AP	PROVI	ED BY THE S	TATE
APPROVED BY			LE			TE III	AH DIVISION	OF .
CONDITIONS OF APPROV	AL, IF ANY:				, a		VE VVID VVIKI	NG/
				1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	_ (ノル, G/ 	AS, AND MIKE	2791
							<i>F /</i>	

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any United States any false, fictitious or fraudulent statements or representations as to any matter within

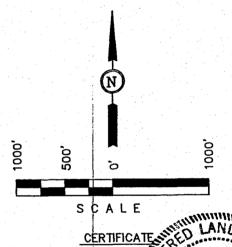
T9S, R22E, S.L.B.&M. S89°54'55"W 2636.22' (Meas.) 2647.93' (Meas.) S89'46'20"W (Measured) 2640.46 0 CWU #427-24N NO.04'W Elev. Ungraded Ground = 5039' 625 2640.19' (Meas., 000.08,48″W Brass Cap 589°55'27"W 2640.24' (Meas.) S89'41'31"W 2641.59' (Meas.) LEGEND: = 90' SYMBOL = PROPOSED WELL HEAD. = SECTION CORNERS LOCATED. (Brass Caps)

ENRON OIL & GAS CO.

Well location, CWU #427-24N, located as shown in the SE 1/4 NE 1/4 of Section 24, T9S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NW 1/4 OF SECTION 24, T9S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH SW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5012 FEET.



THIS IS TO CERTIFY THAT THE ABOVE THAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MEDICAL ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE THUE AND CORREST TO
BEST OF MY KNOWLEDGE AND BELIEF

REGISTER D LAND SURVEYOR REGISTRATION 5709 STATE OF WAR TE OF

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017

SCALE 1" = 1000'		DATE DRAWN: 7-31-94		
G.S. D.G. D.R.B.	REFERENCES G.L.O. PLAT			
WEATHER HOT	FILE ENRON OIL & GAS CO.			

EIGHT POINT PLAN

CHAPITA WELLS UNIT 427-24N SECTION 24, T9S, R22E UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS & WATER ZONES:

FORMATION	DEPTHS	TYPE ZONES	MAXIMUM PRESSURE
Green River			
	4747)		
Oil Shale	1717'		
"H" Marker	3136'		
"J" Marker	3782'		
"Base "M": Marker	4362'		
Wasatch			
Peters Point	4722'	Gas	2100 PSI
Chapita Wells	5252'	Gas	2400 PSI
Buck Canyon	5812'	Gas	2600 PSI
Island	6735'		
EST. TD	6850'	Anticipated BHP	3100 PSI
All depths are based on	estimated KB	elevation 5042'. Ma	aximum pressure estimates

All depths are based on estimated KB elevation 5042'. Maximum pressure estimates are based on bottom hole pressures measured on offset or near vicinity wells to the subject well.

3. PRESSURE CONTROL EQUIPMENT:

BOP Schematic Diagram Attached.

4. CASING PROGRAM

-1.	<u> </u>						MINIMUM SAFETY	FACTOR
HOLE	SIZE INTERNAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	COLLAPSE BURST	TENSILE
		240'		32.3#	H-40	ST&C	1370 PSI 2270 PSI	254,000#
7 7/8"	0' - 6850'	6850'	4 1/2"	10.5#	J-55	ST&C	4010 PSI 4790 PSI	146,000#

All casing to be used will be new or inspected.

5. MUD PROGRAM

INTERVAL		MUD TYPE
0' - 240'		Air
240' - 3700'		Air/Mist & Aerated Water
3700' - TD		Air/3% KCI water or KCI substitute
TD		Gel/polyacrylamide polmer w/5-10% LCM
	habla fram 1	E00, 10 3000, T

Lost circulation probable from 1500' to 3000'±. Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

EIGHT POINT PLAN CHAPITA WELLS UNIT 427-24N

6. VARIANCE REQUESTS:

- Enron requests a variance to regulations requiring a straight run blooie line Α. (Where possible a straight run blooie line will be used).
- Enron requests a variance to regulations requiring an automatic ignitor or B. continuous pilot light on the blooie line. (Not required on aerated water system).

EVALUATION PROGRAM: 7.

Logs:

Dual Laterolog/GR

From base of surface casing to TD.

TD to 2900'

FDC-CNL/GR/Caliper Linear 2" DLL.

Cores:

None Programmed

DST':

None Programmed

Completion: To be submitted at a later date.

8. ABNORMAL CONDITIONS

None anticipated.

STANDARD REQUIRED EQUIPMENT: 9.

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

HAZARDOUS CHEMICALS: 10.

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355 in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Attachment: Bop Schematic Diagram

CWU427-24NPP

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Opera	tor: _	ENRON OIL & GAS COMPANY	_
Well Name & Nu		CHAPITA WELLS UNIT 427-24N	_
Lease Number:		U-0282	
Location:	2385'	FNL & 625' FEL SE/NE SEC. 24 T9S, R. 22E	
Surface Owners		FEDERAL LAND - BLM	
	–		

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location

and access roads.

- prior to moving on the drilling rig. Location Completion

- at least twenty-four (24) hours prior to spudding the well **Spud Notice**

- twenty-four (24) hours prior to running casing and Casing String and cementing all casing strings. Cementing

- twenty-four (24) hours prior to running casing and tests BOP and Related **Equipment Tests**

- within five (5) business days after new well begins or First Production production resumes after well has been off production Notice for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing road.
- B. The proposed wellsite is located approximately 19.3 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be 0.2 mile in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade on access road will be 5%.

D. No turn outs will be required.

- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges or major cuts & fills will be required.

G. The access road will be dirt surface.

H. No gates, cattleguards or fences will be required or encountered.

New or reconstructed roads will be centerline - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossing shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutoffs. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

No Right-of-Way applications will be required.

As operator Enron Oil & Gas Company shall be responsible for all maintenance on cattlequards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

- A. Water wells None
- B. Abandoned wells Four
- C. Temporarily abandoned wells None
- D. Disposal wells None
- E. Drilling wells None
- F. Producing wells Four See attached TOPO Map "C" for location of producing wells.
- G. Shut in wells None
- H. Injection wells None

4. LOCATION OF EXISTING! AND OR PROPOSED FACILITIES

- A. ON WELL PAD
 - 1. Tank batteries None
 - 2. Production facilities will be set on location if well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping. See attached facility diagram.
 - 3. Oil gathering lines None
 - 4. A 3 1/2" gathering line will be buried from dehy to west edge of location.
 - 5. Injection line None
 - 6. Disposal lines None
 - 7. Surface pits None

B. OFF WELL PAD

- Proposed location of attendant off pad gas flowlines shall be flagged prior to archaeological clearance.
- 2. A 4 1/2" OD steel above ground natural gas pipeline will be laid approximately 1700' from proposed location to a point in the NW/SE of Sec. 24, T9S, R22E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses BLM administrated lands within the Chapita Wells Unit, thus no Right-of-Way grant will be required. See attached Exhibit "A" showing pipeline route.
- 3. Proposed gas gathering pipeline will be a 4 1/2" OD steel, welded line laid on the surface.
- 4. Protective measures and device for livestock and wildlife will be taken and or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the south side of location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Carlsbad Canyon. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a construction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW Sec. 35, T9S, R22E Uintah County, Utah (State water right #49-1501).
- B. Water will be hauled by Target Trucking Inc.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. METHODS AND LOCATION
 - 1. Cutting will be confined in the reserve pit.
 - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
 - 4. Produced waste water will be confined to a lined pit or

storage tank for a period not to exceed 90 days after initial production. During the 90 days an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for AO's approval.

All chemicals will be disposed of at an authorized

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on drilling rig to avoid leakage of oil to pit.

B. Water from drilling fluids recovered during testing operations will be disposed of by either evaporating in reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to reserve pit will be avoided by flaring them off in flare pit at time of recovery.

Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BLM Administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within he time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills & cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation parking areas, and access road.

The reserve pit will be located on the northeast side of location.

The flare pit will be located downwind of the prevailing wind direction on the northeast side of location a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the west end.

Access to the well pad will be from the southwest. Diversion ditch(es) shall be constructed on the _ NA the location (above/below) the cut slope, draining to the Soil compacted earthen (berms) shall be placed on the NA. side (s) of the location between the The drainage (s) shall be diverted around the side(s) of the well pad NA location. The reserve pit and/or locations shall be constructed long and NA narrow for topographic reasons corner of the well pad will be rounded off to NA avoid the The existing road will be rerouted to the east of the location. The NA top soil pile placed on the Southwest end will serve as a detour and block traffic from entering location. FENCING REQUIREMENTS All pits will be fenced according to the following minimum standards: 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe

- Α. or some type of reinforcement rod is attached to the top of the entire fence).
- The net wire shall be no more than 2 inches above the ground. The B. barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- Corner posts shall be cemented and/or braced in such a manner to C. keep the fence tight at all times.
- Standard steel, wood, or pipe posts shall be used between the corner D. braces. Maximum distance between any two posts shall be no greater than 16'.
- All wire shall be stretched by using a stretching device before it is E. attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattlequard with and adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BLM, who will in turn contact the grazing pemittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the

fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFI 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location no needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc., will be removed. Contact appropriate surface management agency for required seed mixture.

B. <u>DRY HOLE/ABANDONED LOCATION</u>

At such time the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

1	1.		SUI	RF	AC	E	O۷	۷N	IER	<u>ISH</u>	<u>IP</u>
---	----	--	-----	----	----	---	----	----	-----	------------	-----------

Access road:	Federal
Location:	Federal

12. OTHER INFORMATION

- A. Enron Oil & Gas Company will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform operator as to:
 - -whether the materials appear eligible for the National Register of Historic Places:
 - -the mitigation measures the operator will likely have to undertake before the site can be used.
 - -a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.
 - -if the operator wishes, at the time to relocate activities to avoid the

expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator Enron Oil & Gas Company will control noxious weeds along Right-of-Ways for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs).

Additional surface stipulations:

NA	No construction or drill activities shall be conducted between and because of
NA	No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.
NA	No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.
NA_	There shall be no surface disturbance within 600 feet or live water (includes stock tanks, springs, and guzzlers).
NA	No cottonwood trees will be removed or damaged.
NA	pond will be constructed according to BLM specifications

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

ENRON OIL & GAS COMPANY P.O. Box 1815 Vernal, Utah 84078 George McBride Telephone: (801) 789-0790

ENRON OIL & GAS COMPANY P. O. Box 250 Big Piney, Wyoming 83113 Jim Schaefer Telephone: (307) 276-3331 All lease/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Enron Oil & Gas Company is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BLM Office shall be notified upon site completion prior to moving the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist: that the statements made in the Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed here in will be performed by ENRON OIL & GAS COMPANY and its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

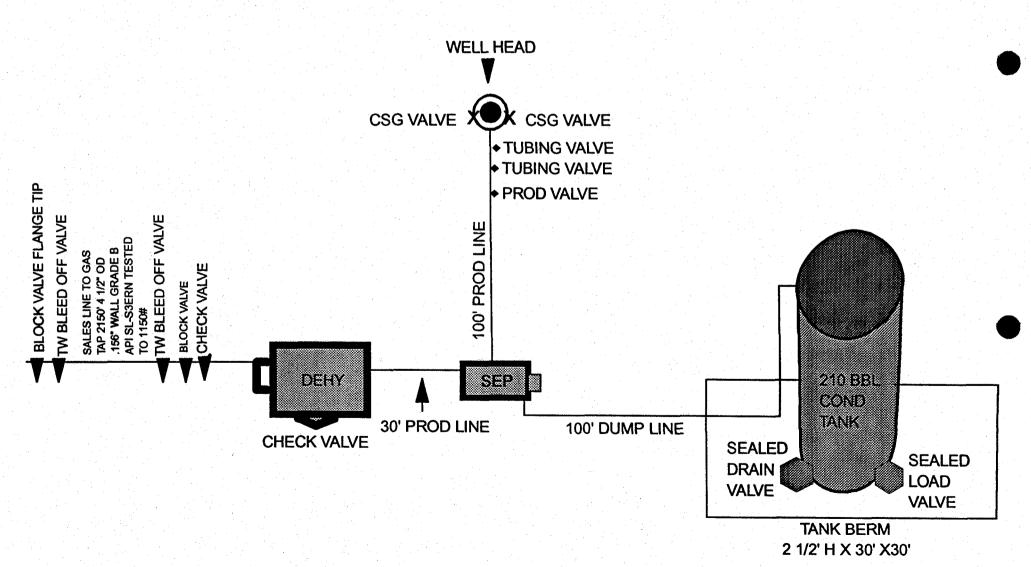
12/20/94 Date

George R. McBride SR. Production Foreman

W CWU427-24NPP

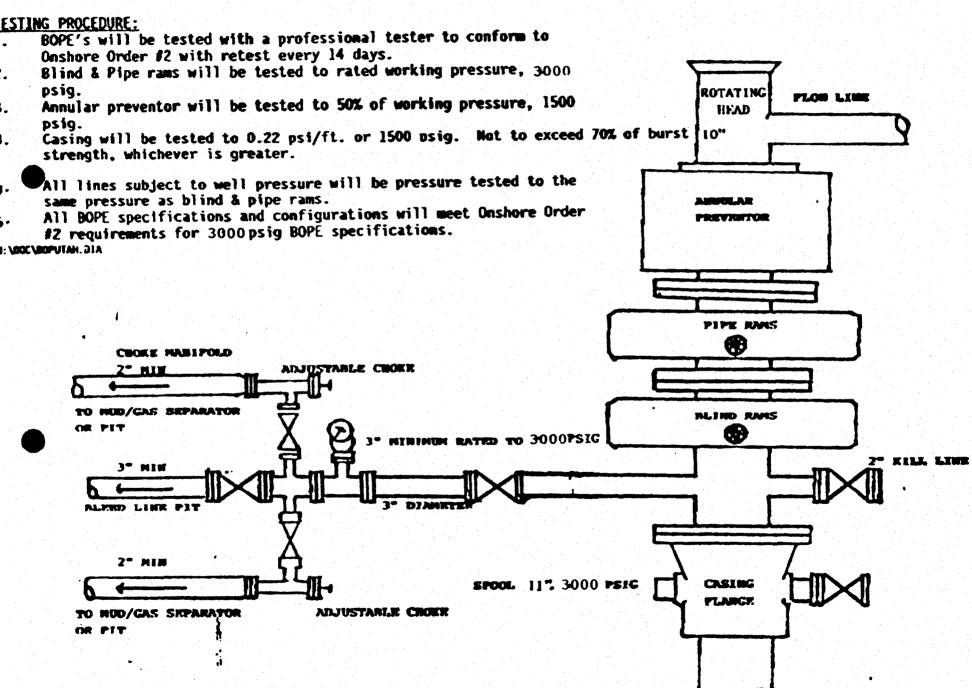
CHAPITA WELLS UNIT 427-24N SEC. 24, T9S, R22E SE/4 NE/4 UINTAH COUNTY, UTAH FEDERAL LEASE NO. U-0282

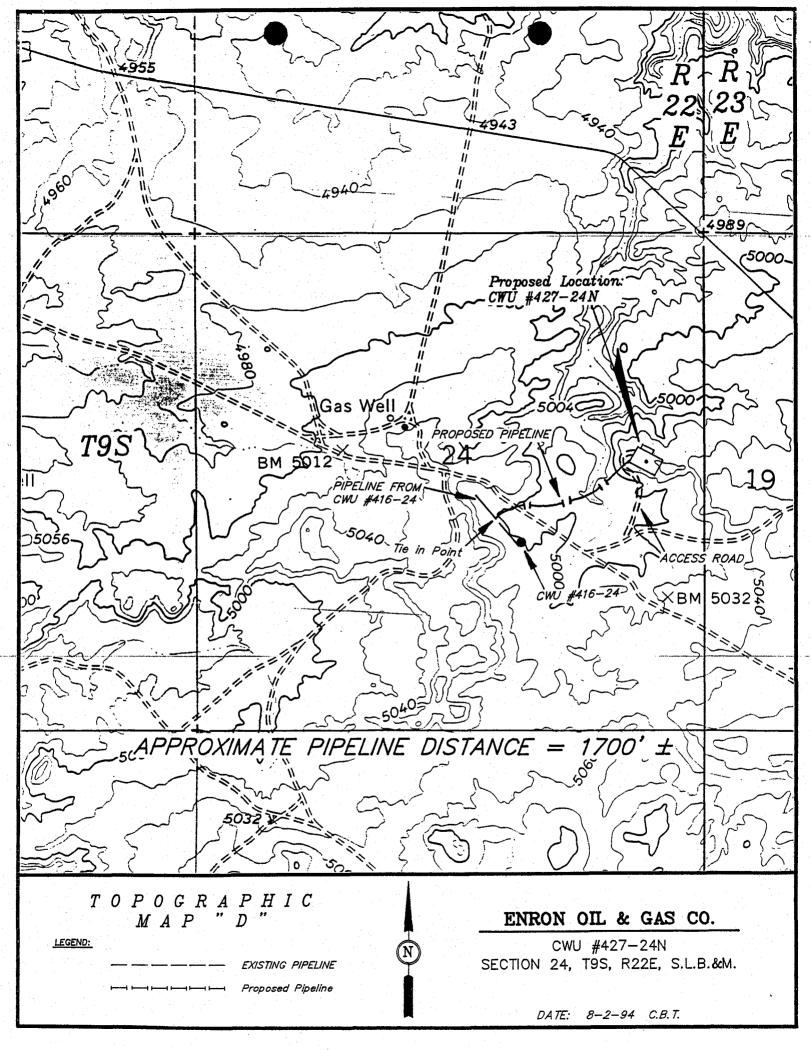


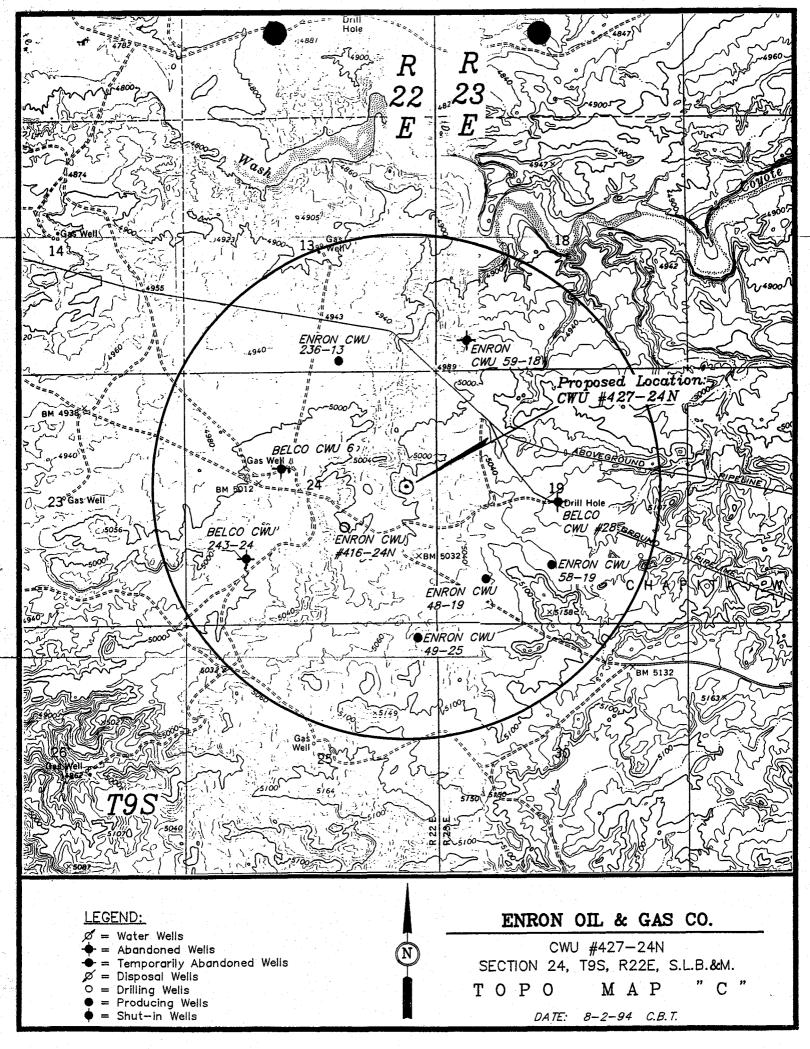


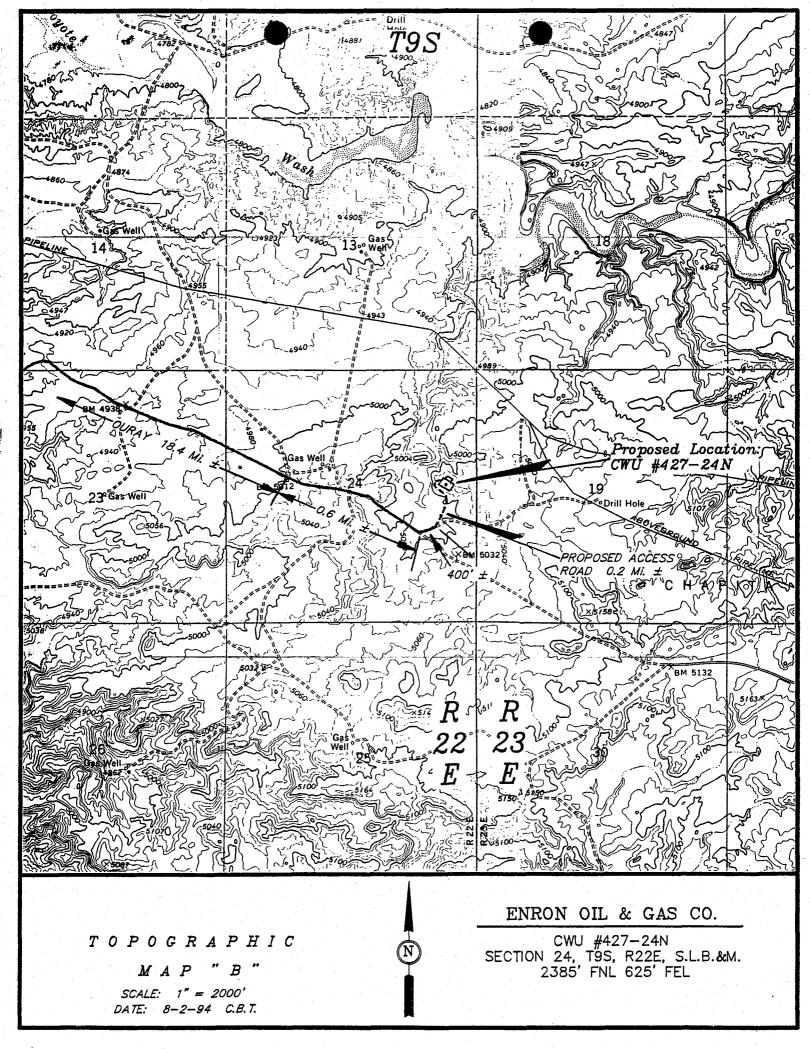
TOUCH TOTA BOR BITINGOME

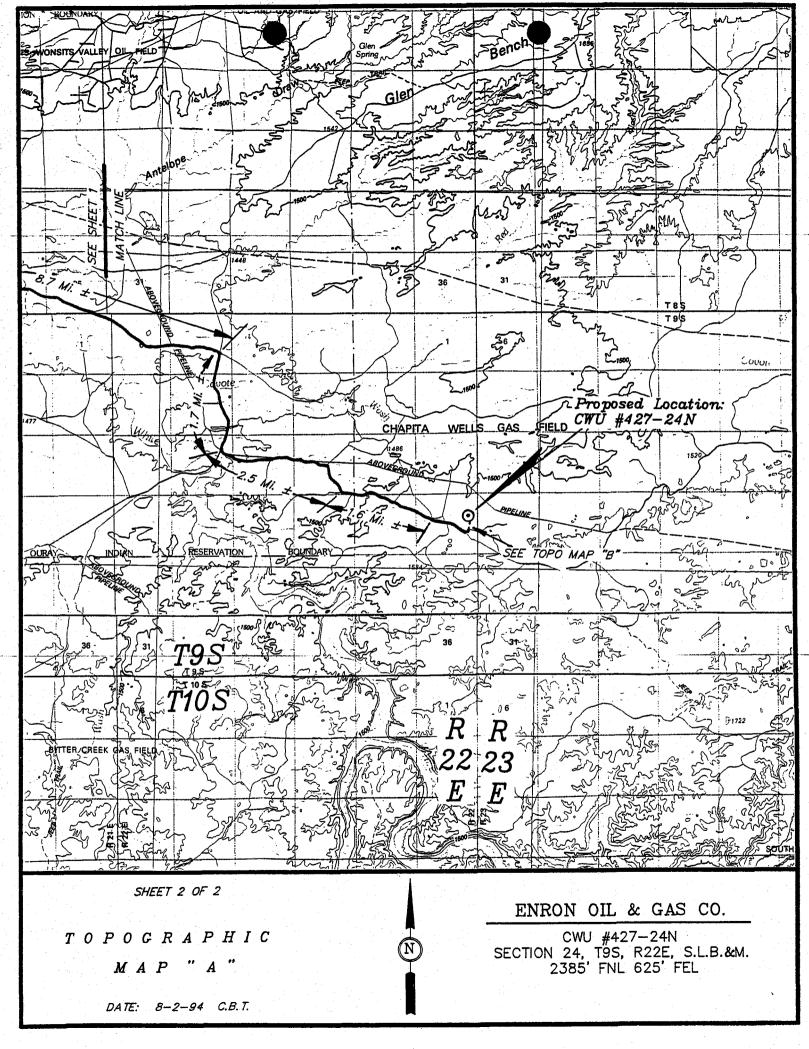
MMULAR PREVENTOR AND BOTH RAMS ARE 3000' PSIG RATED. ASING FLANGE IS 11° 3000PSIG RATED. OPE 11° 3000 PSIG

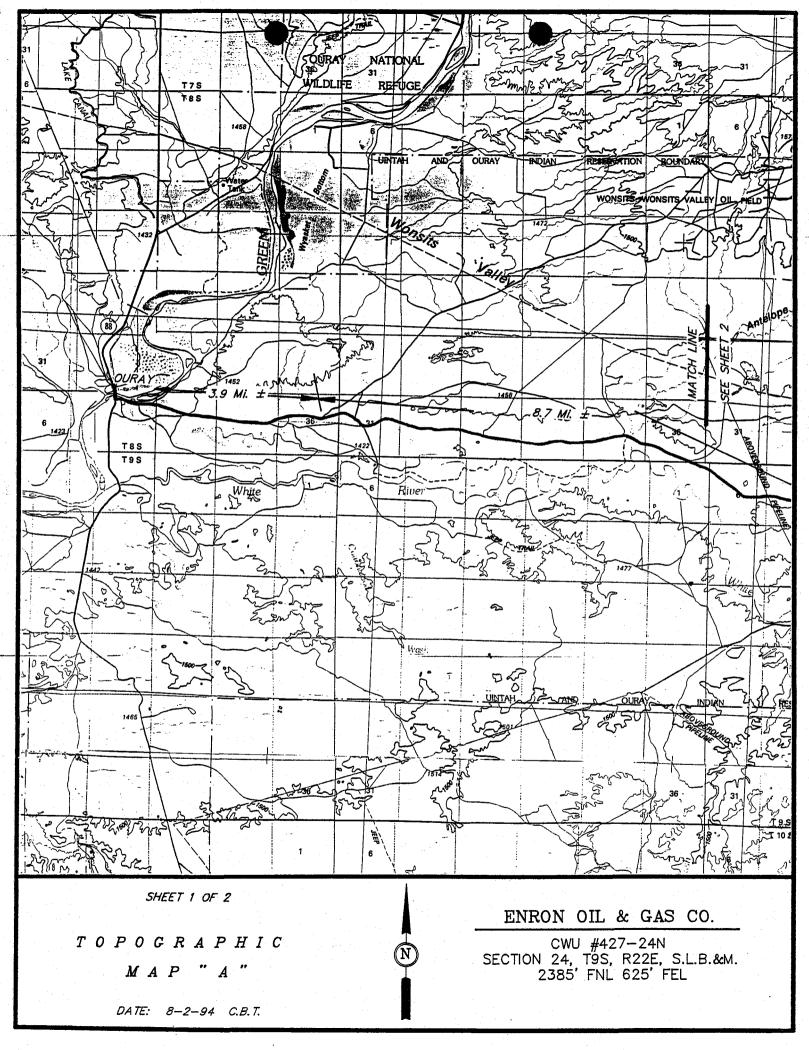










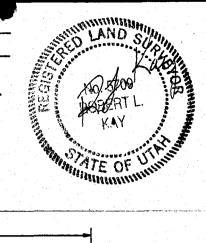


X—Section Scale 1" = 50'

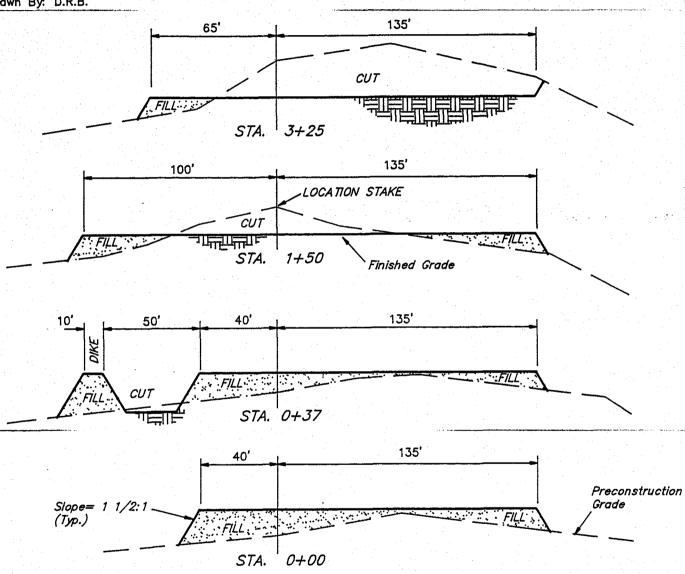
ENRON OIL & GAS CO.

TYPICAL CROSS SECTION FOR

CWU #427-24N SECTION 24, T9S, R22E, S.L.B.&M. 2385' FNL 625' FEL



DATE: 7-31-94 Drawn By: D.R.B.



APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,250 Cu. Yds.

Remaining Location = 5,230 Cu. Yds.

TOTAL CUT = 6,480 CU.YDS.

FILL = 4.350 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION = 1,900 Cu. Yds.

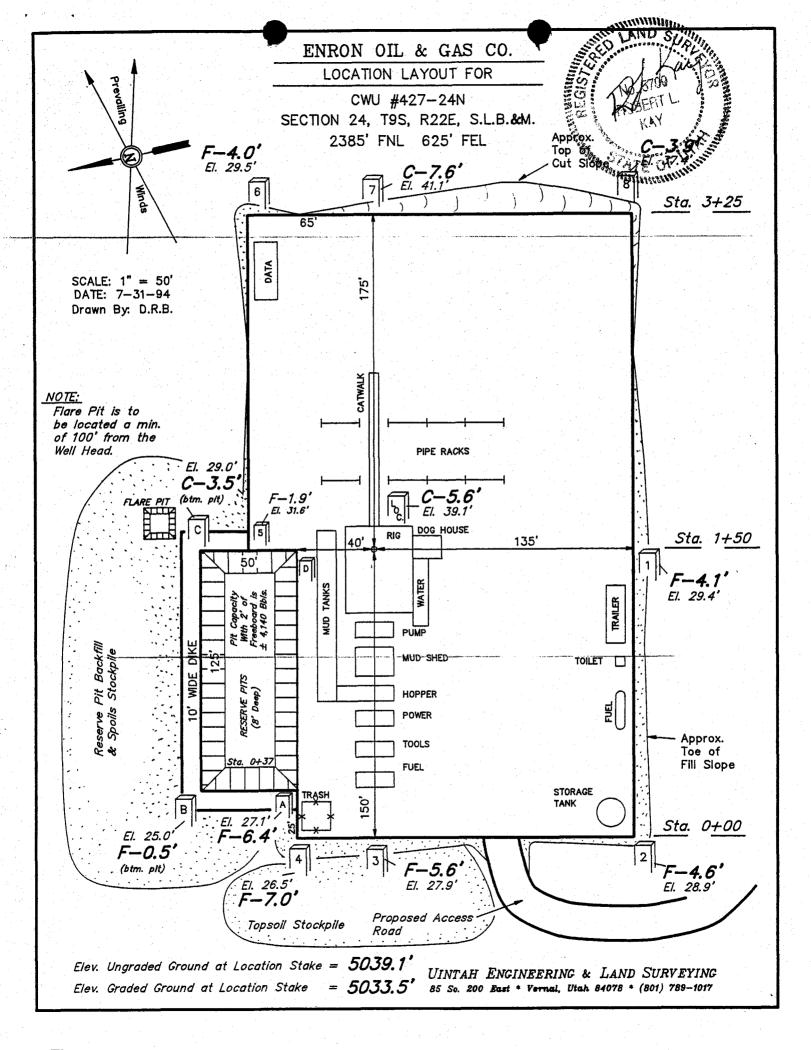
Topsoil & Pit Backfill

= 1,900 Cu. Yds.

(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds. (After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/06/95	API NO. ASSIGNED: 43-047-32642
WELL NAME: CWU 427-24N OPERATOR: ENRON OIL & GAS CO (NO	401)
PROPOSED LOCATION: SENE 24 - T09S - R22E SURFACE: 2385-FNL-0625-FEL BOTTOM: 2385-FNL-0625-FEL UINTAH COUNTY NATURAL BUTTES FIELD (630) LEASE TYPE: FED LEASE NUMBER: U-0282 PROPOSED PRODUCING FORMATION: WSTC	INSPECT LOCATION BY: / / TECH REVIEW Initials Date Engineering Geology Surface
RECEIVED AND/OR REVIEWED: Y Plat State[] Fee[] (Number \$/307603) N Potash (Y/N) Oil shale (Y/N) Water permit (Number 49-150) RDCC Review (Y/N) (Date:)	LOCATION AND SITING: R649-2-3. Unit:
COMMENTS:	
STIPULATIONS:	

				*			
	*	C		•	•		
**	T 8.			9 CAS			
V		CHA		& GAS ELLS UN UTTES F			
•••••		Т9	\$, R 22 E	UINŢAH	COUNT	*	
·····*		*	*	* * *	* • 409-11N	•355-13N	.
* & &	1 "	* *	*	* * *	* * *	*	* • • • • •
*	*	* * *	* *	* * * * * * * *	* * *	427-24N	
* * *	*	* * * *	* *	*	* * * * * * * * * * * * * * * * * * * *	435-24N	* • • • •
*	* * *	* * *	*	433-28N	* * * *	* *	
**	*	* * *	* *	* * *	* *	* * *	
***************************************	*	* *	*	* * *	* *	*	
*	* * *	*	* *	* *	* *	*	
· · · · · · · · · · · · · · · · · · ·	*	*	* * *	* * *	*	*	
	*	:	•	• • • • • • • • • • • • • • • • • • • •	:	•	

STATE OF UTAH

Operator: ENRON OIL & GAS CO. | Well Name: CWU 427-24N

Project ID: 43-047-32642 | Location: SEC. 24 - T09S - R22E

Design Factors: Design Parameters: Mud weight (9.80 ppg) : 0.509 psi/ft Collapse : 1.125 : 1.00 Shut in surface pressure : 2993 Burst : 1.80 Internal gradient (burst) : 0.072 8 Round (1) psi/ft : 1.60 Annular gradient (burst) : 0.000 psi/ft **Buttress** (1) : 1.50 Tensile load is determined using buoyed weight Other (J) **Body Yield** : 1.50 Service rating is "Sweet" (B)

	Length (feet)	Size (in.)	Weight (1b/ft)	Grade	e Joi		Depth (feet)	Drift (in.)	Cost
1	6,850	4.500	10.50	J-55	5 ST&(3	6,850	3.927	
	Load (psi)	Collapse Strgth (psi)	s.f.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.		Tension Strgth (kips)	s.F.
1	3487	4010	1.150	3487	4790	1.37	61.15	132	2.16 J

Prepared by : FRM, Salt Lake City, UT

Date : 01-30-1995

Remarks

Minimum segment length for the 6,850 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 108°F (Surface 74°F, BHT 142°F & temp. gradient 1.000°/100 ft.)

The mud gradient and bottom hole pressures (for burst) are 0.509 psi/ft and 3,487 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)



DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) Division Director 801-538-5319 (TDD)

January 30, 1995

Enron Oil & Gas Company P.O. Box 1815 Vernal, Utah 84078

Chapita Wells Unit 427-24N Well, 2385' FNL, 625' FEL, SE NE, Sec. 24, T. 9 S., R. 22 E., Uintah County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

- 1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
- 2. Notification to the Division within 24 hours after drilling operations commence.
- 3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
- 4. Submittal of the Report of Water Encountered During Drilling, Form 7.
- Prompt notification prior to commencing operations, if necessary, to plug 5. and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.

Page 2 Enron Oil & Gas Company Chapita Wells Unit 427-24N Well January 30, 1995

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32642.

Sincerely,

R.J. Eirth

Associate Director

ldc

Enclosures

cc: Ui

Uintah County Assessor

Bureau of Land Management, Vernal District Office

WOI1

•			•-				
Form 3160-3	1		SUBMIT IN TRI	PI 'E*	Form approved	No. 1004–0136	
(November 1983)	บทา	ED STATES	Figer & si	VE	Expires Augus		
(formerly 9-331C)	DEPARTMENT		ERIOR)		LEASE DESIGNATION	N AND BERIAL NO.	
		LAND MANAGEN	11 < 1		U-0282		
A DDI ICATIO			┈┈┈┈┋┋╏╏╏╏┈┈╏┊╎ ┪ ╸		I INDIAN, ALLOTT	EB OR TRIBE NAME	
APPLICATION	N FOR PERMIT T	O DRILL, DLI	LI LIV OIL I LOO DI	-			
1a. TYPE OF WORK	ILL 🖾	DEEPEN	DIV PHUGLBAG	K & MINI	UNIT AGREEMENT	NAMB	
b. TYPE OF WELL			The second secon		-CHAPITA W	EPPS ONII	
OIL G	VELL X OTHER		ZONE MULTIPL	<u>* </u> 8	, FARM OR LEASE N.		
2. NAME OF OPERATOR				<u> </u>	CHAPITA W	ELLS UNIT	
ENRON OIL	& GAS COMPANY). WELL NO.		
3. ADDRESS OF OPERATOR				-	427-24N 0. FIELD AND POOL,	OR WITHOUT	
P.O. BOX 1	815, VERNAL,	UTAH 84078		^	-		
4. LOCATION OF WELL (B	teport location clearly and	in accordance with a	ny state requirements.	-	CWU/WASAT		
2385' FNL	& 625' FEL S	E/NE	3-047-32642		AND SURVEY OR		
At proposed prod. so		43	3-077-59070	-	SEC. 24,	T95 R22E	
	AND DIRECTION FROM NEAR	BEN MOWN OF POST OF	reice\$		2. COUNTY OR PARIS		
				-	UINTAH	UTAH	
19.3 MILES 15. DISTANCE FROM PROP	SOUTHEAST OF		NO. OF ACRES IN LEASE		ACRES ASSIGNED	1 02	
LOCATION TO NEARES PROPERTY OR LEASE	T	625 '±	2440	TO THIS	WELL 80		
(Also to nearest drl	g. unit line, if any)		PROPOSED DEPTH	20. ROTARY	20. ROTARY OR CABLE TOOLS		
18. DISTANCE FROM PROT TO NEAREST WELL, I OR APPLIED FOR, ON TE	RILLING, COMPLETED,	1552 ' ±	6850'	ROTA			
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)				22. APPROX. DATE V		
5034' GRAD					JANUARY	1995	
23.	P	ROPOSED CASING	AND CEMENTING PROGRA	M			
STAN ON HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CEM	ENT	
12 1/4"	9 5/8	32.3#	240'	125 S	K CLASS "G	* + 2% CaCl2	
7 7/8	4 1/2'	10.5#	6850'	+ 1/4 #	SX CELLOF	LAKE. 50/50	
				POZMIZ	K + 2% GEL	+ 10% SALT	
]			TO 400)' ABOVE A	LL ZONES	
				OF IN	rerest (+	10% EXCESS).	
					CEMENT (1		
SEE ATTACH	MENTS FOR:				TO 200' A		
					OR FRESH		
8 POINT PL	AN			INTER	VALS (+ 5	% EXCESS).	
DRILLING P	ROGRAM						
BOP SCHEMA		•					
	E AND OPERATI	NG PLAN					
LOCATION P	LAT				No.	Service Committee	
LOCATION L					COMPANY MT	rr ne mue	
	C MAPS "A", "						
	PIPELINE MAP	"D"	DESIGNATED	OPERA:	TOR OF THE	SUBJECT WELL	
FACILITY D	IAGRAM		UNDER NATI	ON MTD	F ROND #OT	307003.	
IN ABOVE SPACE DESCRIB	E PROPOSED PROGRAM: If I	roposal is to deepen	or plug back, give data on pr	esent produc	tive sone and propo	sed new productive	
zone. If proposal is to preventer program, if an	drill or deepen directions	ly, give pertinent da	ta on subsurface locations an	nessureu s	me rine serven geb		
24.	2 0)					
\sim	$y \cdot y = y \cdot y$	land	Sr. Admin. C	lerk	DATE 12	/20/94	
	20101 L X - 11	INVV TITLE					

preventer program, if any.		
SIGNED Linda S. Wall TITLE	Sr. Admin. Clerk	DATE 12/20/94
(This space for Federal or State office use)		
APPROVED BY Wayne P. Danhad (acting) TITLE CONDITIONS OF APPROVAL, IF ANY:	MANACER MINERALS	JAN 3 7 1995

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACMED TO OPERATOR'S COPY

*See Instructions On Reverse Side

COA's Page 1 of 7 Well: Chapita Wells 427-24N

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: Enron Oil And Gas Company

Notice

Well Name	& Number: Chapita Wells 427-24N
API Number	: 43-047-32642
Lease Numb	er: <u>U-0282</u>
Location:	SENE Sec. 24 T. 98 R. 22E
	NOTIFICATION REQUIREMENTS
Location Construction -	at least forty-eight (48) hours prior to construction of location and access roads.
Location Completion -	prior to moving on the drilling rig.
Spud Notice -	at least twenty-four (24) hours prior to spudding the well.
Casing String and - Cementing	at least twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related - Equipment Tests	at least twenty-four (24) hours prior to initiating pressure tests.
First Production - Notice	within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90)

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill.

days.

COA's Page 2 of 7 Well: Chapita Wells 427-24N

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. <u>DRILLING PROGRAM</u>

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

COA's Page 3 of 7 Well: Chapita Wells 427-24N

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at \pm 749 ft. or by setting the surface casing at \pm 799 ft. and have a cement top for the production casing at least 200 ft. above the Mahogany Oil Shale, identified at \pm 2523 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2323 ft. if the surface casing is set at \pm 799 ft. or it will be run to \pm 549 ft. if the surface casing is set at \pm 240 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

COA's Page 4 of 7 Well: Chapita Wells 427-24N

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours <u>prior</u> to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

COA's Page 5 of 7 Well: Chapita Wells 427-24N

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted initially upon new meter installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

COA's Page 6 of 7 Well: Chapita Wells 427-24N

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170

Petroleum Engineer

Ed Forsman (801) 789-7077

Petroleum Engineer

BLM FAX Machine (801) 781-4410

COA's Page 7 of 7 Well: Chapita Wells 427-24N

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

ENTITY ACTION FORM - FORM 6

OPERATOR ENRON OIL & GAS COMPANY

10.73

Ξ

שוחום

חחח

110

CUD

5

MODRESS P.O. BOX 250, BIG PINEY, WYOMING 83113

ACTION CURRENT HEH APT MUMBER WELL NAME CODE ENTITY HO. ENTITY HO. SPUD EFFECTIVE ŠC TP RG COUNTY DATE DATE В 43-047-32641 CHAPITA WELLS UNIT 433-28N SENE 28 9s 22E UINTAH 11-25-96 WELL & COMMENTS:

Entities added 2-11-97. Lu

CHAPITA WELLS UNIT 409-11N SESW 11 22E UINTAH 11-29-96

ELL 2 COMMENTS:

43-047-32644 CHAPITA WELLS UNIT 355-13N SW/NW! 22E UINTAH WELL 3 COMMENTS:

43-047-32642 CHAPITA WELLS UNIT 427-24N 22E UINTAH 1-18-97 HELL A COMMENTS:

												
_	1	3	1									
		f _	1	2000a								
		0.000	1	コー つうりひは 1								
		1 (1/1//////	1 (1) 1	DA 1871					1			
		99999	1 1111TT				E 2.4 m 31			l .		
	~	1 1 19 79	111466	1 ' 1 1			136703671			1	4 .	1
	F 14 .	1 11111	1 117 11 1	112 012 20-101			DENW			1	1	3
-	_	1 1 5 1 1 1 1		1 4 3 - 1 4 / - 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 	CUNDION DISTRA	UNIT 434-27N				1		4
				" " 0 1 / ' 7 2 0 4 0 1	CHAPITA WELLS	11011111 /1 3/1 7/7 7/7	CLT/2222 077	1 ~ ~		1	•	1
	ì					ONT 404-710	1077774C 1 / /	98	22E	דו אותוא דו	1 1 - 20 - 07	ž
	DICKE C CE	Security of the con-							1 445	ULNTAH	1.1-20-07	1
	WELL 5 CI	JERRIE PLES !										

ACTION CODES (See instructions on back of form)

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

B - Revassion well from one unisting entity to a new entity

E - Other (explain in comments section)

MOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

REGULATORY ANALYST Title Date

Plione No. 307 1276-3331

ENRANOil & Gas Company

P.O. Box 250 Big Piney, WY 83113 (307)276-3331

IAN 1 6 1996

January 11, 1996

Mr. Ed Forsman Bureau of Land Management 170 South 500 East Vernal, Utah 84078

RE: RENEWING APD'S

Dear Mr. Forsman:

Enron Oil & Gas Company wishes to renew the approved Application for Permit to Drill for the following wells:

WELLS	LEASE	LOCATION	APPROVED DATE
Chapita Wells Unit 355-13N Chapita Wells Unit 409-11N Chapita Wells Unit 427-24N Chapita Wells Unit 433-28N Chapita Wells Unit 435-24N	U-0282 U-0281 U-0282 U-0285A U-0282	Sec. 13, T9S, R22E Sec. 11, T9S, R22E Sec. 24, T9S, R22E Sec. 28, T9S, R22E Sec. 24, T9S, R22E	1/31/95 1/31/95 1/30/95

If additional information is required, please contact Katy Carlson in Enron's Big Piney office.

Sincerely,

C.C. Parsons

Division Operations Manager

kc

43.047.32642

CC:

State of Utah Division of Oil, Gas & Mining

D. Weaver

T. Miller

Vernal Office

File

JAN 2 2 1996

STATE OF UTAH DIVISION OF OIL, GAS & MINING

				5. Lease Designa U 0282	tion and Serial Number:
	SUNDRY NOTIO	ES AND REPO	ORTS OF WELLS	6. If Indian, Allo	ttee or Tribe Name:
				7. Unit Agreeme	nt Name: 'A WELLS UNIT
1340	ant use this form for proposals t	o delli new wolls, or to recent	r plagged and abandoned wells.	8. Well Name an	d Number:
l se	APPLICATION FOR PERMIT	I TO DRILL OR DEEPEN	form for such proposals	СНАРІТА	WELLS UNIT 427-24N
1.	Type of Well: Oil			9. API Well Nun	
2.	Name of Operator:		GAS COMPANY	43-047-3	2642
3.	Address and Telephone Number:			10. Field and Pool	
	(307) 276-3331	BIG PINEY, W	YOMING 83113	СНАРІТА	WELLS/WASATCH
4.	Location of Well			County:	UINTAH
	Footage's:	2385' FNL - 625'		State:	UTAH
000000	QQ, Sec.,T.,R.,M.,:	SECTION 24, T98			
111		000000000000000000000000000000000000000	TE NATURE OF NOTICE.	REPORT, OR EOUENT REP	
	NOTICE OF 1 (Submit in Dup			EQUENT REP nit Original Form Or	
	Abandonment	New Construction	Abandonment*	New construction	•
	Casing Repair	Pull or Alter Casing	Casing Repair	Pull or Alter Casing	9
	Change of Plans {;as	Recompletion	change of Plans	Shoot or Acidize	
	Conversion to Injection	Shoot or Acidize	Conversion to Injection	Vent or Flare	
	Fracture Treat	Vent or Flare	Fracture Treat	Water Shut -Off	
	Multiple completion	Water Shut-Off	X Other RENE	W APD	
	Other				
App	roximate date work will start		Date of work completion COMPLETIONS OR RECOMPLET	IONS AND LOG &	orm 8
			* Must e accompanied by a cement ve	•	AIII G
12.	Describe proposed or completed of locations and measured and true v		ils, and give pertinent dates. If well is d		ive subsurface
	ron Oil & Gas Comparthers the subject well.	ny wishes to renew t	he approved Application f	or Permit to I	Orill
	-				
		<u></u>		<u> </u>	:
13.	1.0	, 0	_		4 4 0 40 5
Nan	ne & Signature: Daty Car	So Ti	tle: Regulatory Analyst	Date:	1/19/96

(This space for state use only)

Accepted by the Utah Division of Oil, Gas and Mining

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:ENRON
Well Name: CHAPITA WELLS 427-24N
Api No. 43-047-32642
Section 24 Township 9S Range 22E County UINTAH
Drilling Contractor
Rig #
SPUDDED:
Date_1/18/97
Time
HOW_DRY_HOLE
Drilling will commence
Reported by ED. TROTTER
Telephone # 1-801-789-4120
Date: 1/22/97 Signed: MKH

DIV. OF	OIL, GAS _B	DEPARTA & NEXU (MENT DF LA	D STATES OF THE IN	GEN	MENT		(See other is reverse side	NDUPLICATE natructions on) EN	E	ENT NAME WELLS USENAME	ERIAL NO. USE NAME	
Ta TYPE OF WELL:	OOMI LL	HON OK	ILO							9. WELL NO.		JAH	
b. TYPE OF COMPLET	ION:	OEL 1	WEIL	GAS WELL.		DRY	X	OTHER		427-24		CAT	
NEW WELL Z. NAME OF OPERAT	WORK O	VER DEE	PEN	PLUG BACK		DIFF.RES.	<u> </u>	OTHER		CHAPITA	WELLS	MASA	TCH
3. ADDRESS OF OPEN		ENRON (OIL & 0	GAS COMPA	NY					SECTION 12 COUNTY OR	ON 24,	T9S, I	R22E
				BIG PINEY,	WY	OMINO	3 8311	3		UINTA		J.	JTAH
At surface	L (Report location clearly			rements)* 5' FEL (SE/NE)						14. PERMIT NO. 43-047-32	642		
At top prod. interval	reported below	SAME		(,						DATE PERMIT IS	IUED		
At total depth 15. DATE SPUDDED		SAME 16. DATE T.D. REAC	HEO	17.	DATECO	MPL (Ready)	to prod.)	18. ELEVA	TONS (DF,RKE	1-30-97 RT,GR,ETC.)* 19	ELEV. CASING	HEAD	
1-18-9		3-7-97	ND & TVD			4-2-97	1285(CO)(1285)	ONS HOW	5048' K	B 123. ROTARY TOO		REP. G	L.
6786'		P&A'D				N/A	LE COMPLES	10110, 11011		ROTARY	_	1	ADES TOOLS
24. PRODUCING INTE	RVAL(S), OF THUS COMP	PLETION-TOP, BOTTO	M, NAME (M	D AND TVD)*				 .			25. WAS DI		SURVEY MADE?
P&A'I							•				27 . WAS W	NO	
Microl	og, CNL/LDC/C	GR 6746-1800	, DDL/C	R 6754' - 240'	3-7	77						NO	
28.	T						· · · · · · ·	<u> </u>	trings set in	well)	··		T
9-5/8"	weight, l.в./Fт. 32.3# Н-	40	239	H SET (MD)		HOLES 12-1/4"	SIZE		Class "G"	G" cement			NONE NONE
													NONE
													
29.	L	LINER REC	ORD				30.	<u></u>		TUBING REC	ORD		
SIZE T	OP (MD)	BOTTOM (MD)		SACKS CEMENT	SCRE	EN (MID)	SEZE			DEPTH SET (MD)			PACKER SET (MD)
					 								
1st Plug w/120 2nd Plug w/14 3rd Plug w/90	CORD (Interval, size and the 9 sx Class "G" co 0 sx Class "G" co 5 sx Class "G" co 6 sx Class "G" co	ement 4835'-4 ement 2060'-1 ment 849'- 6		CONFI	D	EN	BEPH M	A RVAL (MD)		FRACTURE, CEM	·		
33.* DATE FIRST PRODUC	ION	PRODUCTION MED	IOD (Flowing	gas lift, pumping-size and typ	e of purm		PRODUCT	ION		IWE	POSTATUS (P.	oducing or st	ut-in)
P&A'E	4-2-97					OIL BBL			GAS-MO		Plug	ged 7	abandoned
DATE OF TEST	HOURS TESTED	CHOKE	SIZE	PROD'N FOR TEST PERIOD		OIL BBL			GAS-MC	ж.	/ WATES	-BBL	GAS-DIL RATIO
FLOW, TUBING PRESS	CASING	PRESSURE		ALCULATEED 1-HOUR RATE		OIL-BB	CONFI		-мсғ. 1Д1	WATER-BBI	•	OIL GR	AVITY-API (CORR.)
34. DISPOSITION OF G.	AS (Sold, used for fuel, ven	ited, etc.)						RIOD	R	TEST WITNESSED	вү		
36. Thereby certify that the SIGNED	e foregoing and attached in	domestion is complete a		ee Instructions an		es for A	TITLE			ry Analyst		DATE	4-21-97

"(See Instructions and Spaces for Additional Data on Reverse Side)
Title 18 U.S.C. Section 1001, maken it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficializate or fraudulent statements or representations as to any matter within its jurisdiction.

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lends and lesses to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State lews and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted,peritoularly with regard to local, area, or regional procedures and practices, either are shown below or will be lessed by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 4: If there are no applicable State requirements, localitions on Federal or Indian lend should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Rem 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

If there are no applicable State requirements, locations on Federal or indian land should be described in secondance with Federal requirements.

If this will is completed for separate production from more than one interval zone (multiple completion), so state in Nem 22, and in Nem 24 show the producing interval, or intervals, top(s), bottom(s) and neme(s) (if any) for only the interval reported in tiem 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Rem 39: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Rems 22 and 24 above.)

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2-48(d) provide that you be furnished the following information in connectionwith information required by tis application.

AUTHORITY: 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 3160
PRINCIPLE PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian le

FAUTURE LOSS: 188 macromation is to be uses to evaluate the accidence of the drilling of the well. (2) The review of geologic cones and formation amount and procedures used during the drilling of the well. (2) The review of geologic cones and formation amounted during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4X3) Information from the record unit/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions BFPECT OF NOT PROVIDING INFORMATION: Filling of this report and disclosure of his information is mandatory once an oil or gas well is drilled.

The Prepriework Reduction Act of 1980 (44 U.SC. 350), it, so cap; requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and indian oil and gas leases.

This information will have and to resolve operations actionment and exceptions extended to approach used with a filling and producing oil and gas on Federal and indian oil and gas leases.

This information will be used to analyze operations and compare equipment and procedures actually used with the proposals applied for.

Response to this request is mandatory once an oil or gas well is drilled.

SUMMARY OF POR and contents thereof; a interval tested, cushio	OUS ZONES: cored intervals; a n used, time too	(Show all import and all drill-stem lopen, flowing a	ant zones of porosity tests, including depth nd shut-in pressures,	38. GEOLOGIC MARKERS TOP						
and recoveries): FORMATION	TOP	ВОТТОМ	DESCRIPTION, CONTENTS, ETC.	NAME	TRUE VERT. DEPTH					
				BASE M MARKER TOP N-Ls TOP WASATCH PETER'S POINT	4378' 4614' 4734'					



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY	Lease Serial No. UTU0282 If Indian, Allottee or Tribe Name					
Do not use th abandoned we						
SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI					
Type of Well Oil Well	her				8. Well Name and No. CHAPITA WELLS	UNIT 427-24N
2. Name of Operator EOG RESOURCES, INC	Contact:	MARY A. M			9. API Well No.	
,	E-Mail: mary_mae			->	43-047-32642	F1
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	000 N.	Ph: 303-82	o. (include area code 24-5526	c)	10. Field and Pool, or NATURAL BUT	
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description	!)			11. County or Parish,	and State
Sec 24 T9S R22E SENE 238	5FNL 625FEL				UINTAH COUN	TY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	E NATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION		-	ТҮРЕ С	F ACTION		
Nutice of Intent	☐ Acidize	☐ Dee	pen	☐ Produc	tion (Start/Resume)	☐ Water Shut-Off
☐ Notice of Intent	☐ Alter Casing	☐ Fra	cture Treat	☐ Reclam	ation	■ Well Integrity
Subsequent Report	□ Casing Repair	□ Nev	v Construction	☐ Recom	olete	☐ Other
☐ Final Abandonment Notice	☐ Change Plans	🛛 Plug	g and Abandon	□ Tempos	arily Abandon	
	☐ Convert to Injection	Plug	g Back	■ Water I	Disposal	
following completion of the involved testing has been completed. Final Al determined that the site is ready for f The referenced well was plugg	bandonment Notices shall be fil inal inspection.) ged and abandoned in Ma	ed only after all	requirements, inclu	ding reclamatio	n, have been completed, a	and the operator has
14. I hereby certify that the foregoing is	Electronic Submission #		I by the BLM We INC, sent to the		System	
Name(Printed/Typed) MARY A.	MAESTAS		Title REGU	LATORY AS	SISTANT	
Signature ManuFlectoric, Submitsion and Date 04/10/2008						
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE	
Approved By			Title			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to condu	uitable title to those rights in the act operations thereon.	e subject lease	Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a	crime for any pe	erson knowingly an	d willfully to m	ake to any department o	PCEIVED :

3/07/97 6786' TD (0') 11. P&A. Wasatch

REMARKS: WOO. LD DC's. WOC for P&A. RIH w/DP. LD DP to 4835' for first plug. RU BJ. Set plug 4835-4635' w/120 sx cement. WOC to tag plug. RIH, tagged plug @ 4575', ok, 60' high. LD 90 jts DP. Set plug @ 2070-1760' w/140 sx cement. Pulled 10 stands. WOC. Tagged plug @ 1710', 50' high. LD DP. Setting plug @ 849-649' w/100 sx cement @ report time.

 WOO
 4

 LD DP & DC's
 9½

 TRIPPING
 2

 CEMENTING
 3½

 WOC
 4½

 TAG PLUG
 ½

 24 HOURS

DAILY COST \$ 18,050 CUM. COST \$201,000

CASING POINT COST \$180,000 CUM. MUD COST \$ 9,411 CUM. WATER COST \$ 5,000

3/08/97 6786' TD (0') 12. P&A. Wasatch

REMARKS: LD DP. ND BOPE. Set plug from 290' to surface. Circulated cement 110 sx. LD DP. Finished ND. LD kelly, RD floor & cleaned pits. Released rig @ noon, 3/7/97. Will drop from report until dry hole marker is set.

LD DP 1
ND BOPE 3½
SET PLUG 1½
6 HOURS

DAILY COST \$ 5,000 CUM. COST \$206,000

Plug #1 120 sx 4835-4635' tagged @ 4575'
Plug #2 140 sx 2060-1760' tagged @ 1710'
Plug #3 90 sx 849-649'
Plug #4 120 sx 290-surface

Waiting on Dry Hole Marker.

Set dry hole marker 4/2/97.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED
OMB NO. 1004	-013:
Expires: July 31	201

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.					Lease Serial No. UTU0282 If Indian, Allottee or Tribe Name		
Type of Well Oil Well					8. Well Name and No. CHAPITA WELLS UNIT 427-24N		
2. Name of Operator Contact: MARY A. MAESTAS EOG RESOURCES, INC. E-Mail: mary_maestas@eogresources.com					9. API Well No. 43-047-32642		
3a. Address 600 17TH STREET SUITE 1000N DENVER, CO 80202		3b. Phone No. (include area code) Ph: 303-824-5526		10. Field and Pool, or Exploratory NATURAL BUTTES			
4. Location of Well (Footage, Sec., T			11. County of	or Parish, an	d State		
Sec 24 T9S R22E SENE 2385FNL 625FEL			UINTAH		COUNT	Y, UT	
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICAT	E NATURE OF	NOTICE, R	EPORT, OR	OTHER	DATA
TYPE OF SUBMISSION	TYPE OF ACTION						
☑ Notice of Intent	☐ Acidize	□ De	epen	☐ Product	tion (Start/Res	ume)	☐ Water Shut-Off
_	☐ Alter Casing	□ Fra	cture Treat	□ Reclam	■ Reclamation		■ Well Integrity
☐ Subsequent Report ☐ Casing Repair		□ Ne	■ New Construction		□ Recomplete		Other
☐ Final Abandonment Notice	□ Change Plans	☐ Plu	g and Abandon	□ Tempor	☐ Temporarily Abandon		
	☐ Convert to Injection	□ Plug Back		■ Water I	Water Disposal		
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab- determined that the site is ready for fi EOG Resources, Inc. requests underground marker on the re	ally or recomplete horizontally, k will be performed or provide operations. If the operation re- vandonment Notices shall be file nal inspection.)	give subsurface the Bond No. c sults in a multip ed only after all	e locations and mean on file with BLM/Bl ble completion or re- requirements, inclu	sured and true von the A. Required su completion in a sudding reclamation	ertical depths of bsequent reports new interval, a F n, have been coi	all pertinents shall be fill Form 3160-mpleted, and SOPY SEN	t markers and zones. ed within 30 days 4 shall be filed once d the operator has I TO OPERATOR
and a second sec					D	ate: 9	17,2008
Date By:	Date: 9,17,2008 Initials: 145 Federal Approval Of This Action Is Necessary						
14. I hereby certify that the foregoing is	Electronic Submission #		by the BLM We INC., sent to the		System		
Name(Printed/Typed) MARY A. MAESTAS			Title REGU	Title REGULATORY ASSISTANT			
Signature MAFIectron/CSubmission A			Date 08/13/2	2008			
	THIS SPACE FO	R FEDER	AL OR STATE	OFFICE U	SE		
Approved By			Title	Title Date			Date
certify that the applicant holds legal or equivalent would entitle the applicant to condu-	Office	1					
Fitle 18 U.S.C. Section 1001 and Title 43 U.S. States any false, fictitious or fraudulents:	tatements or representations as	to any matter in	erson knowingly an	a willfully to ma	ake to any depar	tment or ag	ency of the United

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** AUG 18 2008